

- 51 -

2. The process of claim 1, in which the third time interval is about two years and the third time interval commences about two years prior to the date of calculation of the bad rates.

3. The process of claim 2, in which the first time interval is about three months.

4. The process of claim 2, in which the first time interval is about one year.

5. The process of claim 4, in which the one year first time interval coincides with a calendar year.

6. The process of claim 1, in which the second time period is about ninety days.

7. The process of claim 1, in which each loan vintage comprises at least 50,000 loan units.

8. The process of claim 1, further including:
allowing an operator to set the durations of
one or more of the first, second and third time
intervals;

- 52 -

5 deploying a general purpose computer for
enabling the computer to automatically provide "yes" or
"no" comparisons as to whether a given financial
institution should choose to invest in a particularly
identified loan vintage.

9. The process of claim 1, including:
developing a projection of bad rates for a
plurality of said loan vintages by calculating
probabilistic bad rates for said plurality of loan
5 vintages during a forward looking window extending over a
fourth time interval, the projected bad rates comprising
an early warning system whose results are depictable on
the output medium.

10. The process of claim 9, in which the step
of calculating the probabilistic bad rates for said loan
vintages is carried out by using a logistic regression
formula.

11. The process of claim 10, in which the
logistic regression formula is

$$\text{Log}(P/(1-P)) = A + (B_1 * \text{AGE}) - B_2 * C0 + B3 * D_1 + B4 * D_2 + B_5 * \text{SCORE} + B_6 * \text{NO SCORE}$$

wherein, P is the predicted bad rate, AGE is defined as
5 the age of the loan vintage and B₁ and AGE are row and

- 53 -

column vectors of a dimension matrix of a predetermined size, SCORE is a mortgage score from a credit bureau and C0, D₁, D₂ and NO SCORE are dummy variables, and the coefficients A, B₁, B₂, B₃, B₄, B₅ and B₆ are estimated by running a model of the equation over a preselected loan portfolio.

12. The process of claim 11, wherein the value C0 is assigned a value of one if the loan is current at the beginning of the third time interval and zero otherwise, the variable D₁ equals one if the loan is one month past due at the beginning of third time interval and is zero otherwise, D₂ is assigned a value of one if the loan is two months past due at the beginning of the third time interval and zero otherwise, and NO SCORE equals one if the loan has no credit score available at the beginning of the third time interval and zero otherwise.

13. The process of claim 10, wherein the fourth time interval is of the same duration as the third time interval.

14. The process of claim 1, wherein the loan units are closed loan units.

- 54 -

15. The process of claim 14, wherein the loans are mortgage loans.

16. The process of claim 1, including separating all loan units into different groups based on type and thereafter carrying out said separation of said loan portfolios into separate loan vintages based on each
5 type of loan.

17. The process of claim 16, wherein the types include conventional loans, jumbo loans and government originated loans.

18. The process of claim 9, including separating all loan units into different groups based on type and thereafter carrying out said separation of said loan portfolios into separate loan vintages based on each
5 type of loan.

19. The process of claim 18, wherein the types include conventional loans, jumbo loans and government originated loans.

20. The process of claim 1, in which the output medium is a graphical chart.

- 55 -

21. The process of claim 9, wherein the output medium is a graphical chart.

22. The process of claim 20, which includes creating the graphical chart by plotting a difference between the bad rates calculated for a preselected pair of loan vintages and including on the graphical chart an
5 area of uncertainty.

23. The process of claim 22, wherein the area of uncertainty is selected as a $+1$ and -1 standard deviation of the difference in the bad rates for the preselected pair of loan vintages.

24. The process of claim 21, including plotting on the graphical chart the probabilistic bad rates in the form of a first curve.

25. The process of claim 9, including developing a matrix link by calculating a bad rate of a preselected loan vintage as of a definite time within the fourth time interval.

- 56 -

26. The process of claim 25, including developing delinquency transition figures for selected ones of said loan vintages.

27. The process of claim 26, including developing the delinquency transition figures by counting the numbers of loans which have transitioned from (a) good to bad state; (b) bad to good state; and (c) a
5 status as a loan.

28. The process of claim 27, further including counting the number of loans which have remained in a bad state and counting loans which have remained in a good state.

29. The process of claim 25, including calculating for at least one of the loan vintages matrix link results comprising a ratio of a predicted number of bad loans divided by a predicted number of new loans.

30. The process of claim 29, including plotting the ratio on the output medium.

31. The process of claim 9, including automatically providing yes/no decisions whether to

- 57 -

invest in selected loan vintages using the early warning system.

32. The process of claim 25, including automatically providing yes/no decisions using the matrix link system.

33. A process for analyzing and selecting loan portfolios, wherein each loan portfolio comprises a plurality of loan units, the process including the steps of:

5 separating the loan portfolios into a plurality
of loan vintages;
 developing a projection of bad rates for the
plurality of said loan vintages by calculating predicted
bad rates for said plurality of loan vintages during a
10 forward looking window extending over a predetermined
first time interval, the predicted bad rates comprising
an early warning system the results of which are
depictable on a visually perceivable output medium, a
loan unit being included in the bad rates when payments
15 on the loan unit are in arrears for a time period greater
than a second time interval occurring during the forward
looking window, the first time interval being
substantially longer than the second time interval.

- 58 -

34. The process of claim 33, in which the step of calculating the predicted bad rates for said loan vintages is carried out by using a logistic regression formula.

35. The process of claim 34, in which the logistic regression formula is

$$\text{Log}(P/(1-P)) = A + (B_1 * \text{AGE}) - B_2 * \text{CO} - B_3 * D_1 - B_4 * D_2 - B_5 * \text{SCORE} - B_6 * \text{NO SCORE}$$

wherein P is the predicted bad rate, AGE is defined as
5 the age of the loan vintage and B₁ and AGE are row and column vectors of a dimension matrix of a predetermined size, SCORE is a mortgage score from a credit bureau and CO, D₁, D₂ and NO SCORE are dummy variables, and the
coefficients A, B₁, B₂, B₃, B₄, B₅ and B₆ are estimated by
10 running a model of the equation over a preselected loan portfolio.

36. The process of claim 35, wherein the value CO is assigned a value of one if the loan is current at the beginning of the first time interval and zero otherwise, the variable D₁ equals one if the loan is one month past due at the beginning of first time interval and is zero otherwise, D₂ is assigned a value of one if the loan is two months past due at the beginning of the first time interval and zero otherwise, and NO SCORE

- 59 -

equals one if the loan has no credit score available at the beginning of the first time interval and zero otherwise.

37. The process of claim 33, including depicting graphically in the form of a first curve an expected bad rate curve.

38. The process of claim 37, including producing a bar chart showing current mean bad rates and forecasted mean bad rates and superimposing the first curve over the bar chart.

39. The process of claim 38, including creating the first curve by creating a quarterly bad rate curve, smoothing the quarterly bad rate curve by averaging the values thereof with one another and further
5 smoothing the curve by taking a risk ratio thereof.

40. The process of claim 39, including creating markers on the curves including markers which show the changes in the first curve at a positive to a negative slope transition thereof and markers which show
5 jump points of a predetermined size.

1/13

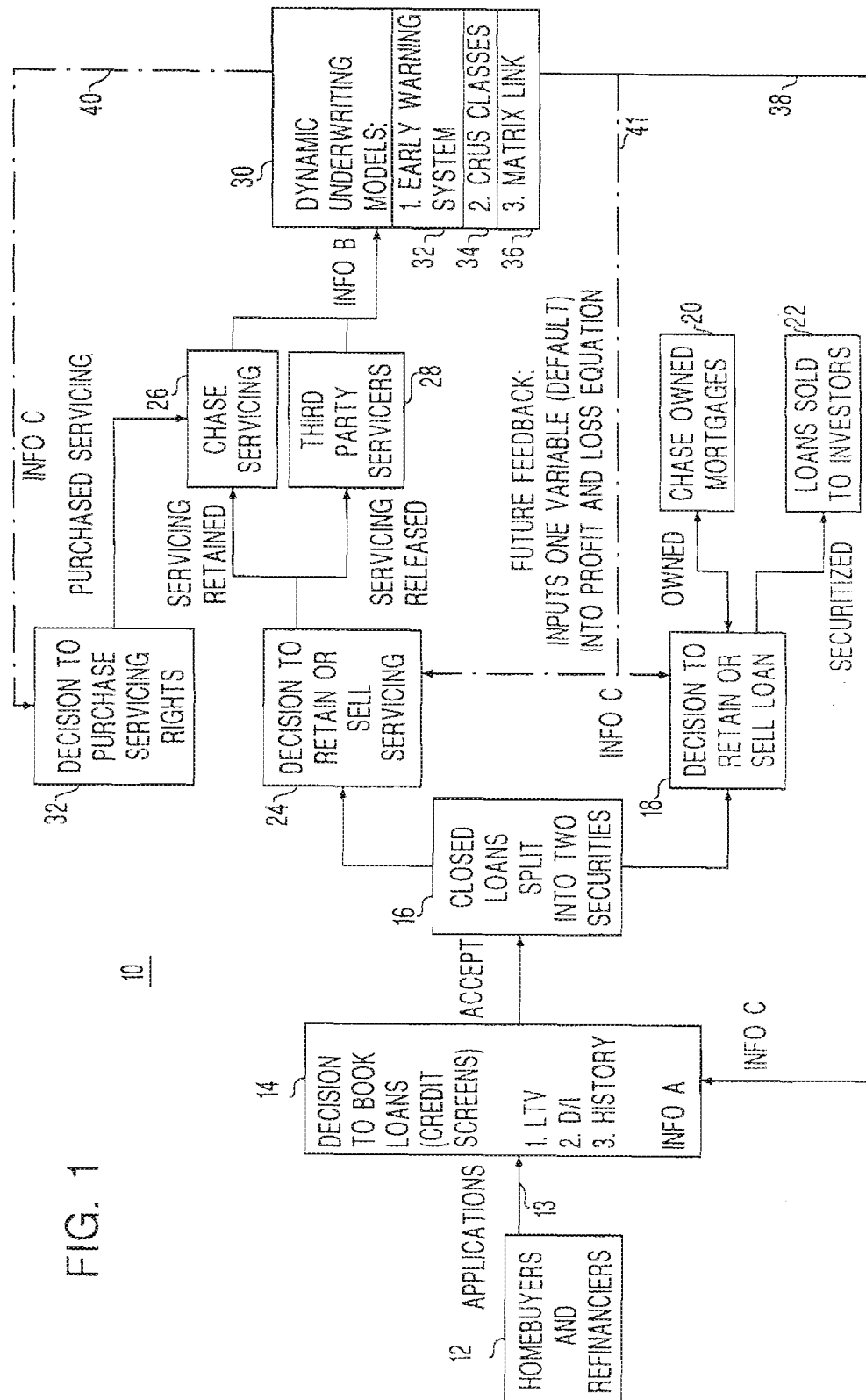


FIG. 1

2/13

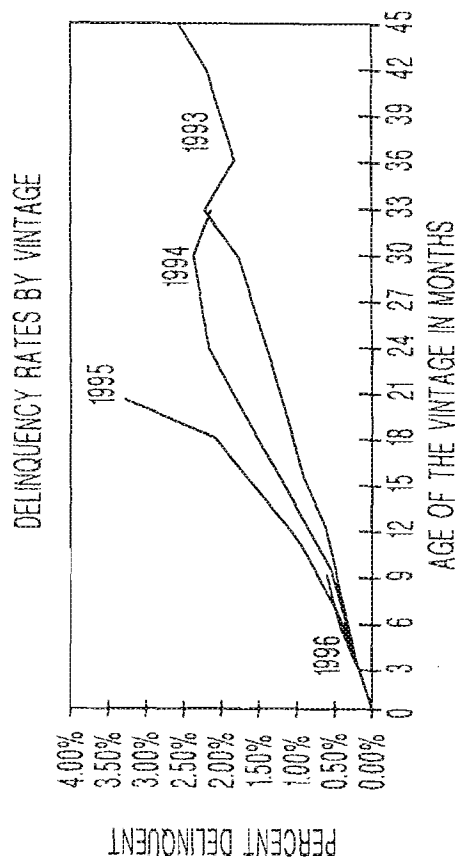
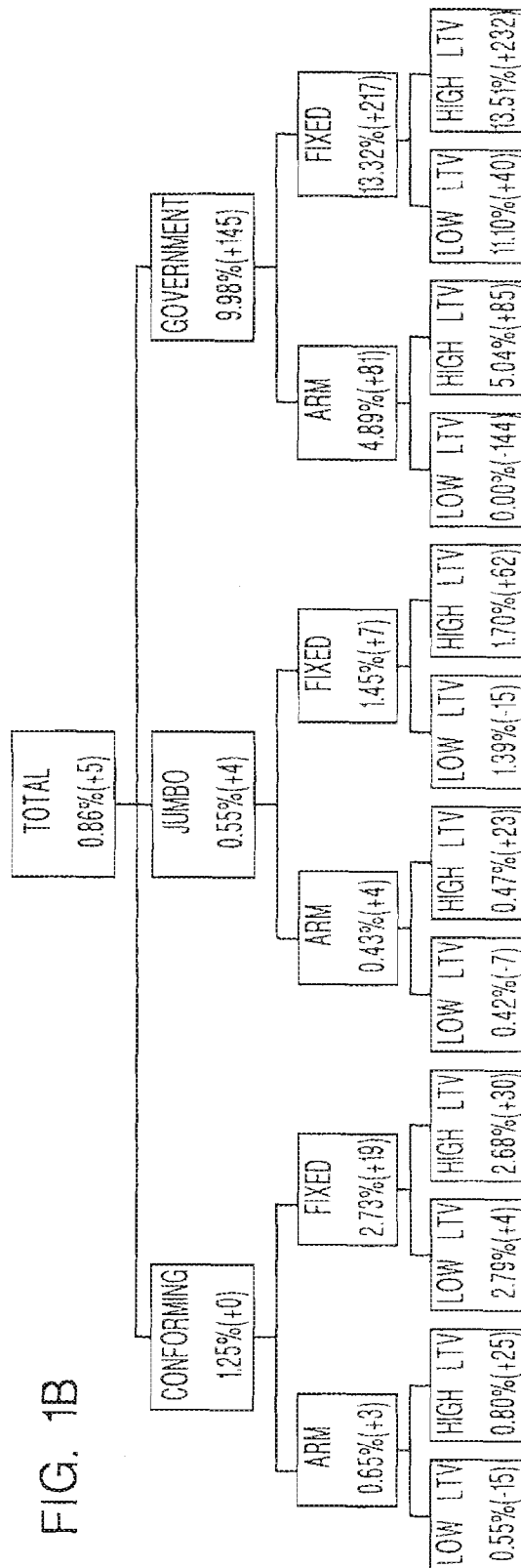
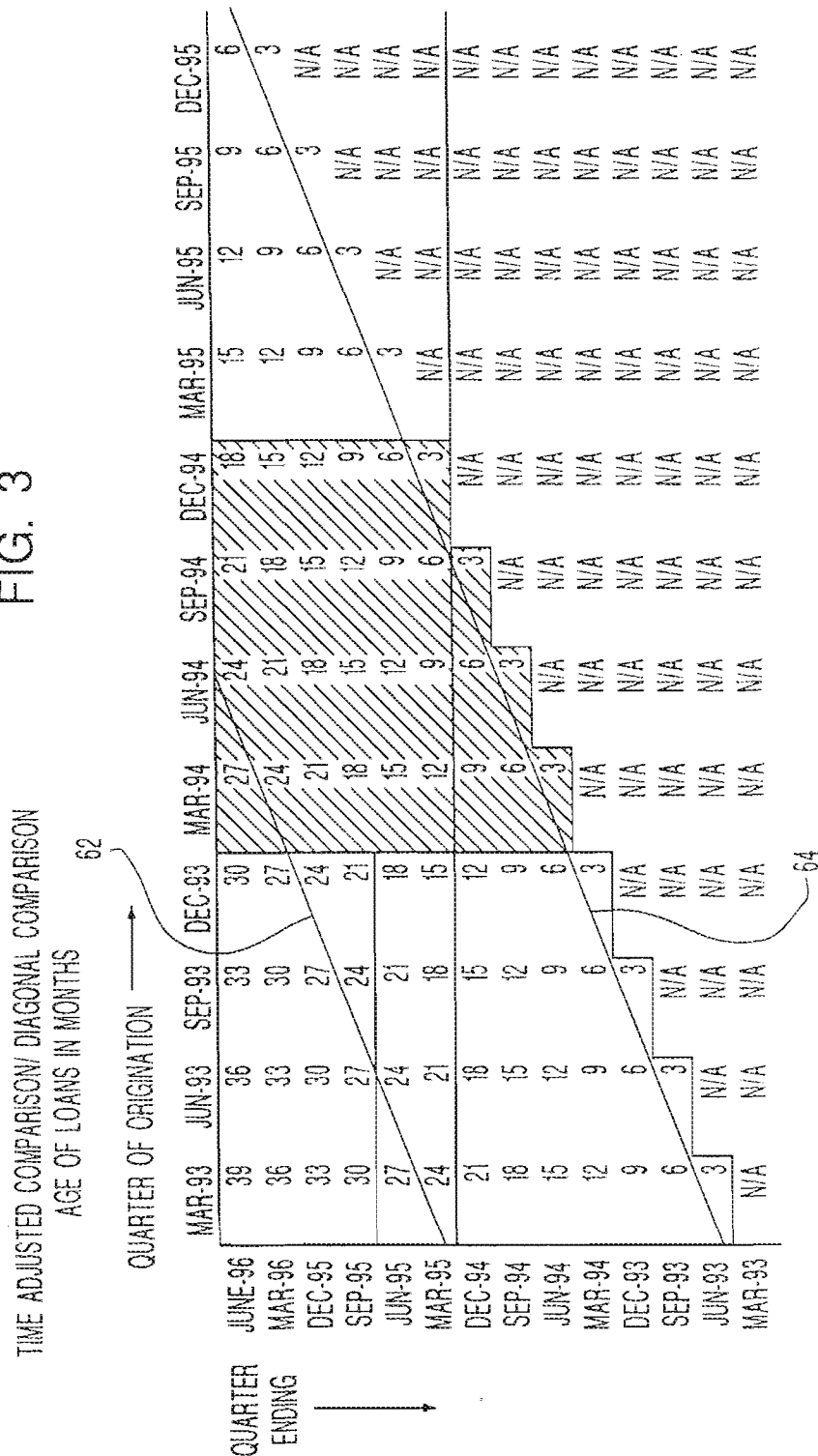


FIG. 1A



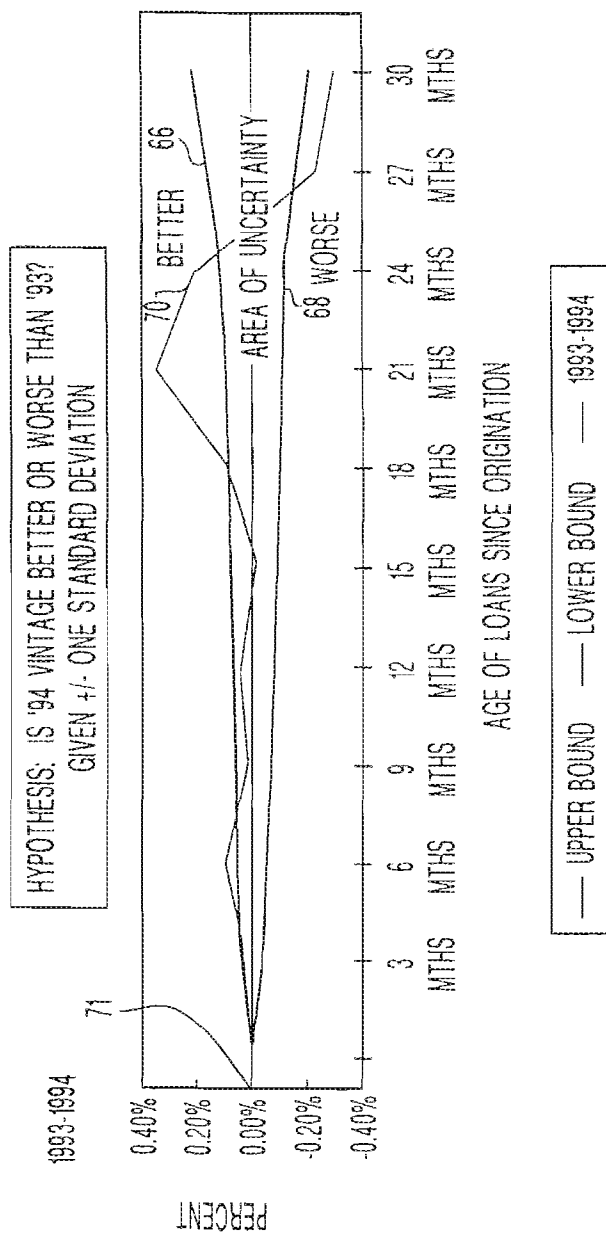
4/13

FIG. 3



5/13

FIG. 4



6/13

FIG. 4A-1

DATA RESULTS EXTRACT OF CALCULATIONS

TOTAL NUMBER OF "BAD" LOANS		AGE →													
ORIGINATION	MONTH/YR	3	6	9	12	15	18	21	24	27	30	33	36	39	42
		MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
	MAR-93	2	2	8	6	6	11	29	27	31	28	30	19	24	27
	JUN-93	8	5	9	14	7	19	28	41	42	34	20	32	36	
	SEP-93	9	16	14	17	31	37	53	36	38	22	27	59		
	DEC-93	34	39	30	35	40	45	42	38	22	36	65			
	MAR-94	20	19	24	23	26	34	24	13	27	43				
	JUN-94	9	7	19	26	48	45	24	34	65					
	SEP-94	6	7	13	22	26	17	24	45						
	DEC-94	3	11	13	17	9	23	39							
	MAR-95	0	7	14	10	16	30								
	JUN-95	2	9	11	10	30									
	SEP-95	1	2	7	22										
	DEC-95	1	2	7											
	MAR-96	1	7												
	JUN-96	3													

TOTAL NUMBER OF LOANS ("BAD" & "GOOD")		AGE →													
ORIGINATION	MONTH/YR	3	6	9	12	15	18	21	24	27	30	33	36	39	42
		MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
	MAR-93	6,350	5,325	4,961	2,243	2,204	2,212	2,232	2,286	2,254	2,201	3,809	1,977	1,578	986
	JUN-93	7,305	5,972	3,105	3,060	2,998	3,003	3,109	3,088	3,055	2,712	2,538	2,344	1,325	
	SEP-93	7,191	4,022	3,890	3,808	3,786	3,785	3,743	3,743	3,204	3,009	2,898	1,918		
	DEC-93	9,712	7,299	6,910	6,719	6,607	6,502	6,395	5,744	5,116	4,711	3,744			
	MAR-94	7,784	6,443	6,150	5,970	5,869	5,741	5,307	4,824	4,189	3,448				
	JUN-94	5,985	5,634	5,529	5,391	5,098	4,633	4,284	3,951	3,339					
	SEP-94	6,540	6,345	6,227	5,271	4,681	4,290	3,994	3,443						
	DEC-94	5,979	5,856	5,159	4,653	4,354	4,099	3,626							
	MAR-95	3,864	3,313	3,127	2,918	2,772	2,576								
	JUN-95	6,322	6,204	5,991	5,791	5,425									
	SEP-95	3,546	3,482	3,446	3,091										
	DEC-95	3,231	3,271	3,089											
	MAR-96	2,401	2,454												
	JUN-96	4,173													

7/13

FIG. 4A-2

SUM OF 4 QUARTERS

BAD LOANS ORIGINATION MONTH/YR	AGE →													
	3	6	9	12	15	18	21	24	27	30	33	36	39	42
MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
1993	53	62	61	72	84	112	152	142	133	120	142	110	60	27
1994	38	44	69	88	109	119	111	92	92	43	0	0	0	0

ALL LOANS ORIGINATION MONTH/YR	AGE →													
	3	6	9	12	15	18	21	24	27	30	33	36	39	42
MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
1993	30,558	22,618	18,866	15,830	15,595	15,502	15,479	14,861	13,629	12,633	12,989	6,239	2,903	986
1994	26,288	24,278	23,065	21,285	20,002	18,763	17,211	12,218	7,528	3,448	0	0	0	0

BAD RATE ORIGINATION MONTH/YR	AGE →													
	3	6	9	12	15	18	21	24	27	30	33	36	39	42
MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
1993	0.17%	0.27%	0.32%	0.45%	0.54%	0.72%	0.98%	0.96%	0.98%	0.95%	1.09%	1.76%	2.07%	2.74%
1994	0.14%	0.18%	0.30%	0.41%	0.54%	0.63%	0.64%	0.75%	1.22%	1.25%	N/A	N/A	N/A	N/A

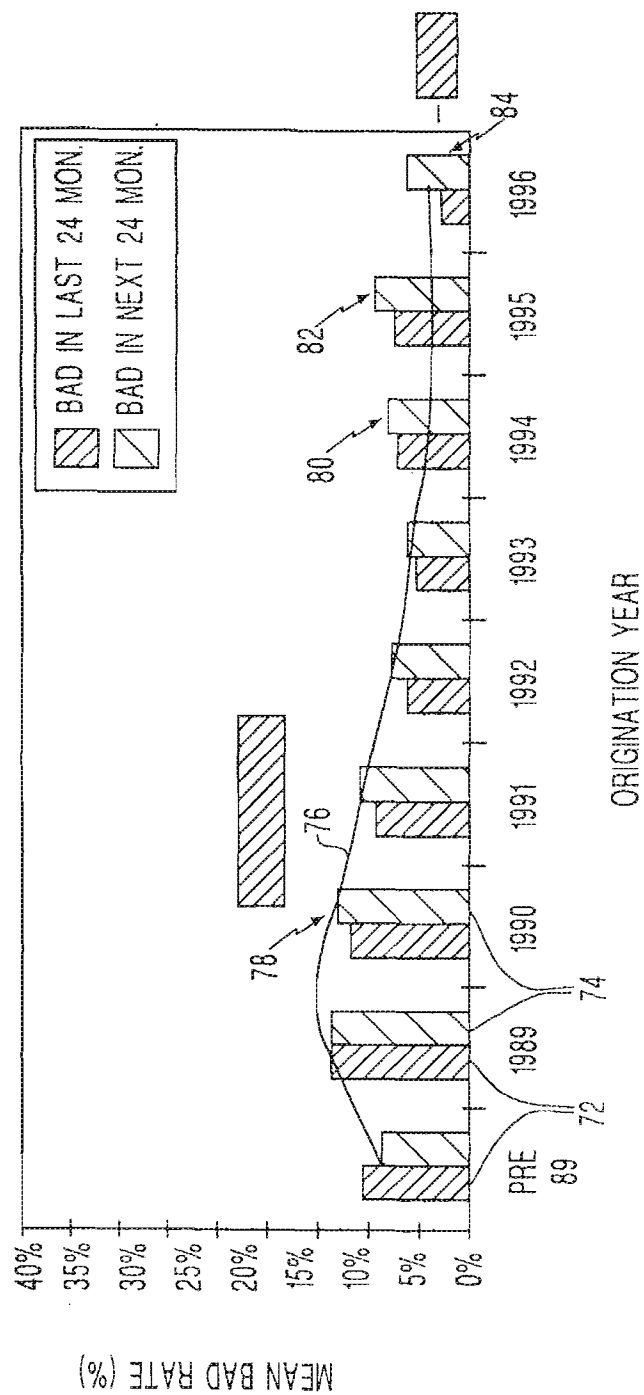
STD DEV ORIGINATION MONTH/YR	AGE →													
	3	6	9	12	15	18	21	24	27	30	33	36	39	42
MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
1993	0.02%	0.03%	0.04%	0.05%	0.06%	0.07%	0.08%	0.08%	0.08%	0.09%	0.09%	0.17%	0.26%	0.52%
1994	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.06%	0.08%	0.13%	0.19%				

RATE DIFFERENCE	AGE →													
	3	6	9	12	15	18	21	24	27	30	33	36	39	42
MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS	MTHS
1993-1994	0.03%	0.09%	0.02%	0.04%	-0.01%	0.09%	0.34%	0.20%	-0.25%	-0.30%	1.09%	1.76%	2.07%	2.74%
STD DEV	0.03%	0.04%	0.05%	0.07%	0.08%	0.09%	0.10%	0.11%	0.15%	0.21%				
STD DEV	-0.03%	-0.04%	-0.05%	-0.07%	-0.08%	-0.09%	-0.10%	-0.11%	-0.15%	-0.21%				

8/13

FIG. 5

ACTUAL VS. PROJECTED RISK OF ENTERING BAD
IN 2 YEARS



9/13

FIG. 6

EMPIRICAL BAD RATE IN TWO YEARS BY AGE

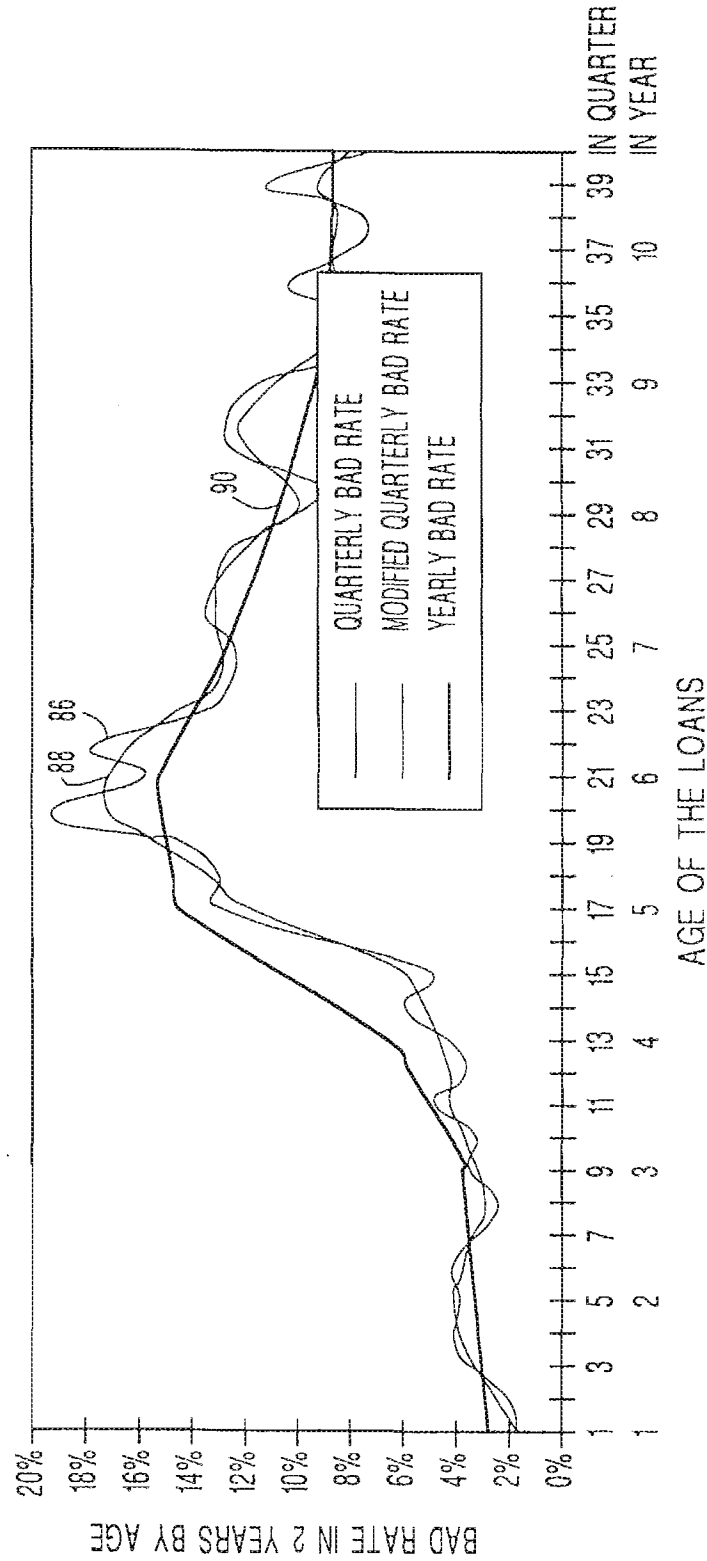


CHART 1: ONE EXAMPLE OF THE BAD RATE CURVE
(DATA IS FOR DEMONSTRATION ONLY)

10/13

FIG. 7

ROLL RATE OF DELINQUENCY FOR ONE YEAR									
AGE OF LOANS	FROM	CONFORMING LOANS		TO	JUMBO LOANS		GOVERNMENT LOANS		
		BAD	GOOD	EXIT	BAD	GOOD	BAD	GOOD	
1 YEAR	BAD	43.08%	38.46%	18.46%	28.15%	48.89%	69.83%	23.05%	7.11%
	GOOD	0.27%	72.52%	27.21%	0.31%	82.69%	1.60%	91.63%	6.77%
2 YEAR	BAD	63.83%	19.17%	16.90%	57.6%	20.58%	78.76%	11.76%	9.49%
	GOOD	0.30%	71.00%	28.70%	0.38%	80.63%	1.99%	87.77%	10.24%
3 YEAR	BAD	65.78%	14.65%	19.57%	55.04%	11.17%	76.28%	7.81%	15.91%
	GOOD	0.46%	72.34%	27.19%	0.58%	79.77%	2.48%	84.47%	13.05%
4 YEAR	BAD	55.19%	9.62%	35.20%	39.47%	6.95%	75.15%	6.21%	18.63%
	GOOD	1.22%	72.64%	26.13%	1.42%	77.08%	3.12%	80.76%	16.11%
5 YEAR	BAD	53.51%	9.36%	37.13%	33.69%	5.79%	72.55%	5.97%	21.48%
	GOOD	2.08%	74.66%	23.26%	2.41%	74.15%	3.69%	79.72%	16.59%
6 YEAR	BAD	46.57%	8.69%	44.74%	36.48%	4.72%	71.73%	6.99%	21.28%
	GOOD	1.55%	75.70%	22.74%	1.36%	71.42%	3.64%	78.86%	17.50%
7 YEAR	BAD	65.51%	10.65%	23.84%	56.91%	10.57%	69.34%	8.66%	22.00%
	GOOD	1.34%	77.12%	21.54%	1.03%	69.20%	2.88%	78.69%	18.42%
8 YEAR	BAD	71.60%	13.12%	15.28%	81.82%	5.19%	70.53%	10.67%	18.80%
	GOOD	0.98%	75.85%	23.17%	0.94%	80.49%	2.63%	80.61%	16.56%
9 YEAR	BAD	67.03%	14.98%	18.00%	63.64%	21.21%	70.88%	11.09%	18.03%
	GOOD	1.00%	74.59%	24.40%	0.54%	81.68%	2.48%	83.65%	13.87%
10 YEAR	BAD	62.10%	12.17%	25.73%	83.33%	8.33%	73.86%	9.52%	16.61%
	GOOD	0.77%	70.16%	29.06%	2.37%	71.60%	2.84%	79.52%	17.64%

11/13

FIG. 8

THE CLASSIC ROLL-RATE FORECAST

ORIG. QUARTER	CURRENT INFORMATION			ROLL RATE FROM BAD TO		ROLL RATE FROM GOOD TO		INFORMATION AT THE END OF THE NEXT QUARTER (FORECAST)			
	AGE	# OF LOANS	BAD RATE	BAD	EXIT	BAD	EXIT	AGE	NEW # OF LOANS	NEW # OF BAD LOANS	BAD RATE
1Q, 1995	8	N_8	R_8	$B(8,1)$	$E(8,1)$	$b(8,1)$	$e(8,1)$	9	$N_8 * R_8 * (1-E(8,1)) +$ $N_8 * (1-R_8) * (1-e(8,1))$	$N_8 * R_8 * B(8,1) +$ $N_8 * (1-R_8) * b(8,1)$	NEW # OF BAD LOANS NEW # OF LOANS
2Q, 1995	7	N_7	R_7	$B(7,1)$	$E(7,1)$	$b(7,1)$	$e(7,1)$	8	$N_7 * R_7 * (1-E(7,1)) +$ $N_7 * (1-R_7) * (1-e(7,1))$	$N_7 * R_7 * B(7,1) +$ $N_7 * (1-R_7) * b(7,1)$	NEW # OF BAD LOANS NEW # OF LOANS
3Q, 1995	6	N_6	R_6	$B(6,1)$	$E(6,1)$	$b(6,1)$	$e(6,1)$	7	$N_6 * R_6 * (1-E(6,1)) +$ $N_6 * (1-R_6) * (1-e(6,1))$	$N_6 * R_6 * B(6,1) +$ $N_6 * (1-R_6) * b(6,1)$	NEW # OF BAD LOANS NEW # OF LOANS
4Q, 1995	5	N_5	R_5	$B(5,1)$	$E(5,1)$	$b(5,1)$	$e(5,1)$	6	$N_5 * R_5 * (1-E(5,1)) +$ $N_5 * (1-R_5) * (1-e(5,1))$	$N_5 * R_5 * B(5,1) +$ $N_5 * (1-R_5) * b(5,1)$	NEW # OF BAD LOANS NEW # OF LOANS

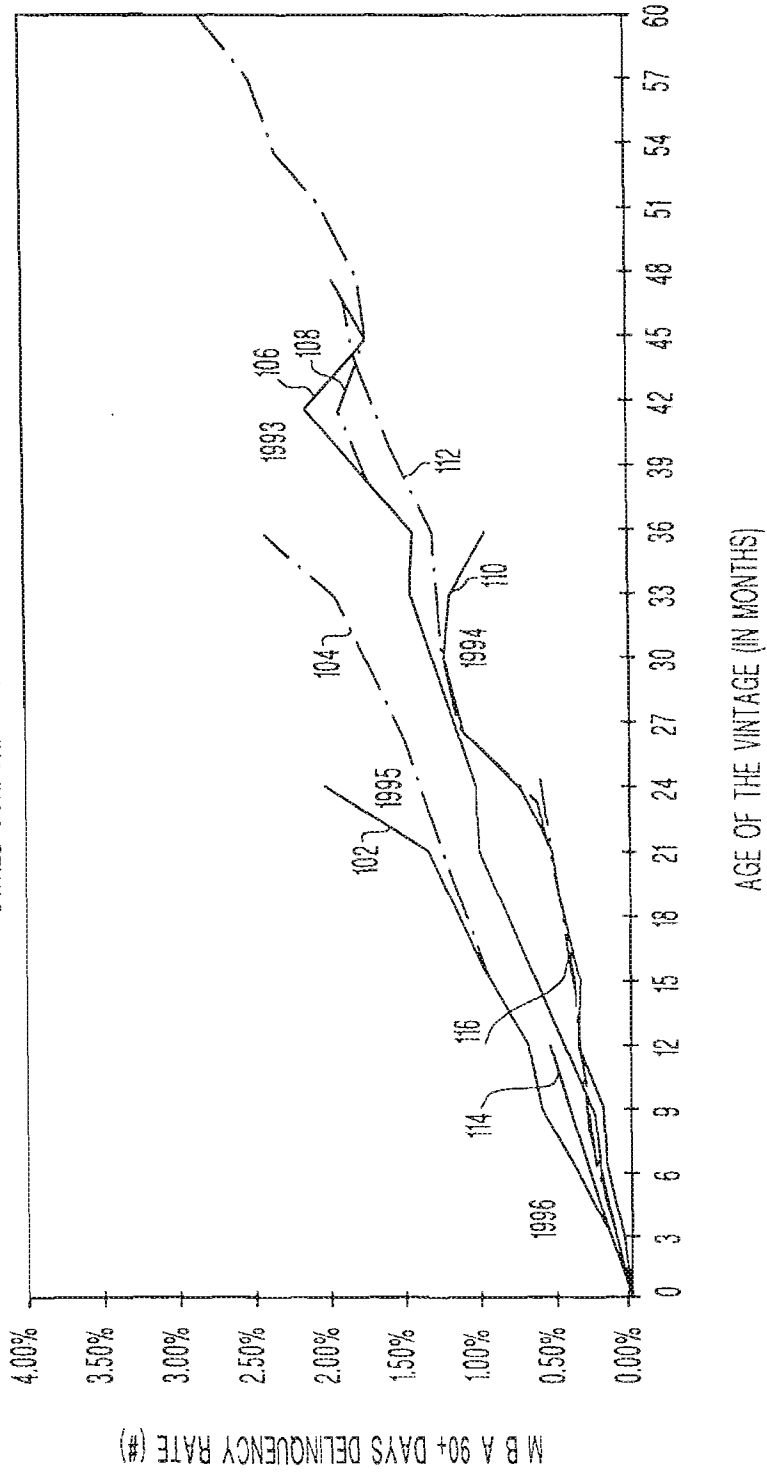
NOTE: THE AGE IS IN QUARTERS.

NOTE: THE PARAMETERS IN $B(8,1)$ HAVE THE FOLLOWING MEANING: 8 IS THE AGE (IN QUARTERS), 1 IS THE FORECAST TIME PERIOD (IN QUARTER).

12/13

FIG. 9

M B A 90+ DAYS DELINQUENCY RATES BY VINTAGE
OWNED CONFORMING PORTFOLIO



13/13

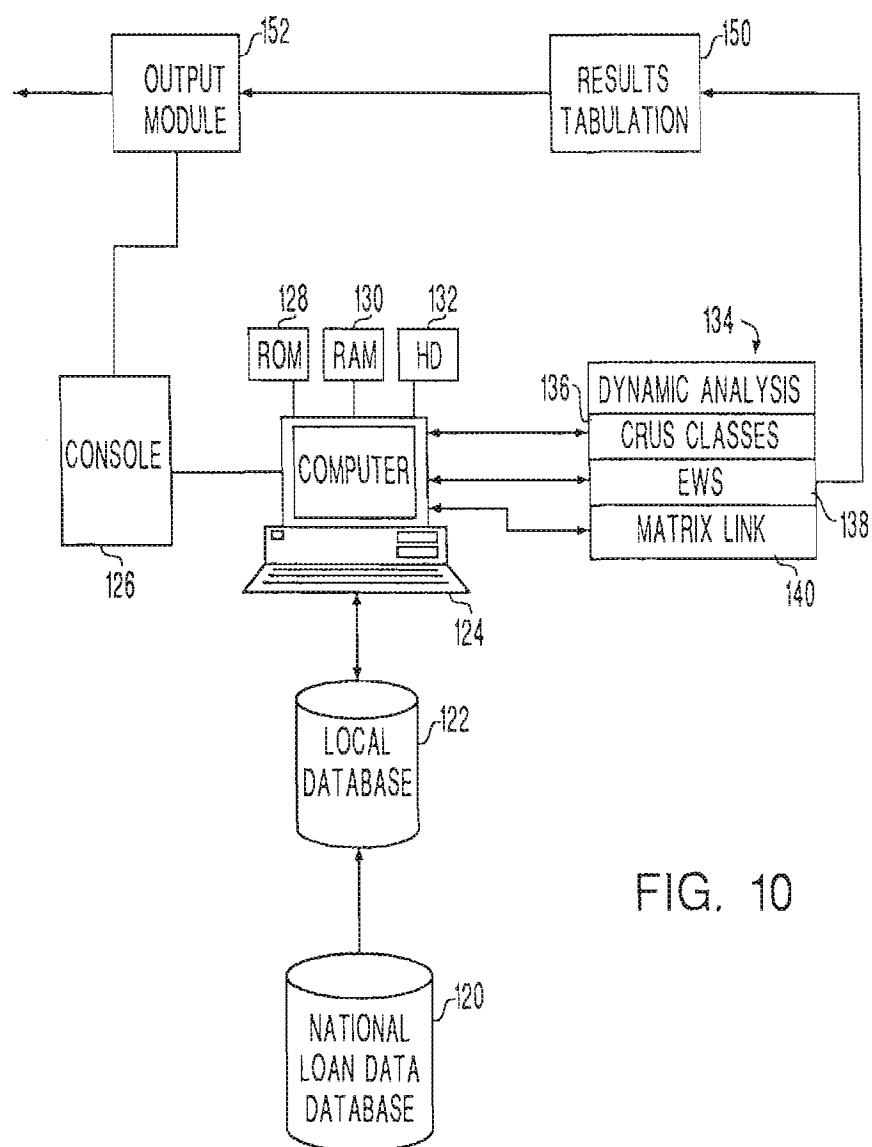


FIG. 10

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 98/13195

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SMITH L D ET AL: "A comprehensive model for managing credit risk on home mortgage portfolios" DECISION SCIENCES, SPRING 1996, DECISION SCI. INST, USA, vol. 27, no. 2, pages 291-317, XP002078224 ISSN 0011-7315 see abstract see page 292, line 6 see page 293, line 31 - page 294, line 17 see page 294, line 37 - page 295, line 32 see page 306, line 22 - line 28	1-21, 24-37
Y	see figure 2	22, 23, 38-40
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

22 September 1998

Date of mailing of the International search report

07/10/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pedersen, N

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 98/13195

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category ²	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MATHIESON M: "Ordinal models for neural networks"</p> <p>NEURAL NETWORKS IN FINANCIAL ENGINEERING. PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON NEURAL NETWORKS IN THE CAPITAL MARKETS, PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON NEURAL NETWORKS IN FINANCIAL ENGINEERING, LONDON, UK., 11 - 13 October 1996, pages 523-536, XP002078225</p> <p>ISBN 981-02-2480-X, Singapore, World Scientific, Singapore</p> <p>see abstract</p> <p>see page 526, line 12 - line 15</p> <p>see figure 4(b)</p> <p>----</p>	22,23
Y	<p>WO 96 06402 A (FINANCIAL MODELS COMPANY INC ;KNOWLES JAMES A (CA); TEDER TOOMAS J)</p> <p>29 February 1996</p> <p>see page 1, line 1 - line 6</p> <p>see page 66, line 12 - line 15</p> <p>see page 67, line 1 - line 5</p> <p>----</p>	38-40
A	<p>PINDER, J. P.: "Decision analysis using multinomial logit models: Mortgage portfolio valuation."</p> <p>JOURNAL OF ECONOMICS AND BUSINESS, vol. 48, no. 1, 1996, pages 67-77, XP002078226</p> <p>see page 69, line 17 - line 30</p> <p>see page 71, line 14 - line 35</p> <p>see figures 2-4</p> <p>----</p>	1-40
A	<p>JOHN G H ET AL: "Mortgage data mining"</p> <p>PROCEEDINGS OF THE IEEE/IAFE 1997 COMPUTATIONAL INTELLIGENCE FOR FINANCIAL ENGINEERING (CIFER) (CAT. NO.97TH8304), NY, USA, 24 - 25 March 1997, pages 232-236, XP002078227</p> <p>ISBN 0-7803-4133-3</p> <p>see page 232, column 2, line 29 - line 35</p> <p>see page 234, column 2, line 9 - line 11</p> <p>see figure 2</p> <p>----</p> <p>-----</p>	1-40

-/--

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 98/13195

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DESAI V S ET AL: "A comparison of neural networks and linear scoring models in the credit union environment"</p> <p>EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, 22 NOV. 1996, ELSEVIER, NETHERLANDS, vol. 95, no. 1, pages 24-37, XP002078228 ISSN 0377-2217</p> <p>see page 24, column 1, line 1 - column 2, line 4</p> <p>see page 26, column 2, line 38 - page 27, column 1, line 3</p> <p>see page 31, column 1, line 17 - column 2, line 8</p> <p>see table 1</p> <p>-----</p>	1-40

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interns Application No

PCT/US 98/13195

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9606402 A	29-02-1996	CA 2130704 A	24-02-1996
		AU 3249395 A	14-03-1996
<hr/>			